

|   | Type | L # | Search Text  | Time Stamp          |
|---|------|-----|--|---------------------|
| 1 | BRS  | L1  | (optic\$2 or light) near communication                   | 2004/02/10<br>12:41 |
| 2 | BRS  | L2  | (data near (source or generat\$4)) or (binary near data) | 2004/02/10<br>12:42 |
| 3 | BRS  | L3  | (transm\$5 or receiv\$4) near filter                     | 2004/02/10<br>12:44 |

|   | Type | L # | Search Text   | Time Stamp          |
|---|------|-----|---|---------------------|
| 4 | BRS  | L4  | filter  | 2004/02/10<br>12:44 |
| 5 | BRS  | L5  | (external or machzehnder or<br>(lithium adj niobate) or<br>optical ) adj modulat\$4 | 2004/02/10<br>12:47 |
| 6 | BRS  | L6  | modulator   | 2004/02/10<br>12:48 |

|   | Type | L # | Search Text  | Time Stamp       |
|---|------|-----|--|------------------|
| 7 | BRS  | L7  | detector or photodetector or photodiode or (optical adj (receiver or detect\$4)) | 2004/02/10 12:49 |
| 8 | BRS  | L8  | transfer adj function  | 2004/02/10 12:50 |
| 9 | BRS  | L9  | nyquist  | 2004/02/10 12:50 |

|    | Type | L # | Search Text                                 | Time Stamp          |
|----|------|-----|---|---------------------|
| 10 | BRS  | L10 | optic\$2 near (fiber or fibre or waveguide) | 2004/02/10<br>12:52 |
| 11 | BRS  | L11 | optical adj transm\$5                       | 2004/02/10<br>12:53 |
| 12 | BRS  | L12 | ( I1 or I11) and I2                         | 2004/02/10<br>12:54 |

|    | Type | L # | Search Text                 | Time Stamp          |
|----|------|-----|-----------------------------|---------------------|
| 13 | BRS  | L13 | ( I1 or I11) and I3         | 2004/02/10<br>12:55 |
| 14 | BRS  | L14 | ( I1 or I11) and (I3 or I4) | 2004/02/10<br>12:55 |
| 15 | BRS  | L15 | I14 and (I5 or I6)          | 2004/02/10<br>12:56 |

|    | Type | L # | Search Text                                 | Time Stamp          |
|----|------|-----|---|---------------------|
| 16 | BRS  | L16 | I15 and I7                                  | 2004/02/10<br>12:56 |
| 17 | BRS  | L20 | I12 and (I3 or I4) and (I5 or I6)<br>and I7 | 2004/02/10<br>12:59 |
| 18 | BRS  | L22 | (intersymbol adj interference)<br>or isi    | 2004/02/10<br>13:01 |

|    | Type | L # | Search Text   | Time Stamp          |
|----|------|-----|---|---------------------|
| 19 | BRS  | L23 | I21 and I22   | 2004/02/10<br>13:02 |
| 20 | BRS  | L24 | I23 and 10  | 2004/02/10<br>13:02 |
| 21 | BRS  | L25 | ("3441921"   "3892916"  <br>"4123710"   "4142065"  <br>"4313203"   "4317212").PN. | 2004/02/10<br>13:18 |
| 22 | BRS  | L21 | I20 and I8 and I9   | 2004/02/10<br>13:27 |

|    | Type | L # | Search Text    | Time Stamp          |
|----|------|-----|----------------|---------------------|
| 23 | BRS  | L18 | I17 and I9     | 2004/02/10<br>13:31 |
| 24 | BRS  | L17 | I16 and I8     | 2004/02/10<br>13:38 |
| 25 | BRS  | L19 | I18 and I2     | 2004/02/10<br>13:50 |
| 26 | IS&R | L26 | (398/39).CCLS. | 2004/02/10<br>13:52 |
| 27 | IS&R | L27 | (398/81).CCLS. | 2004/02/10<br>13:56 |



|           | <b>Type</b>     | <b>L #</b> | <b>Search Text</b>     | <b>Time Stamp</b>           |
|-----------|-----------------|------------|------------------------|-----------------------------|
| <b>28</b> | <b>IS&amp;R</b> | <b>L28</b> | <b>(398/141).CCLS.</b> | <b>2004/02/10<br/>14:06</b> |
| <b>29</b> | <b>IS&amp;R</b> | <b>L29</b> | <b>(398/147).CCLS.</b> | <b>2004/02/10<br/>14:17</b> |
| <b>30</b> | <b>IS&amp;R</b> | <b>L30</b> | <b>(398/159).CCLS.</b> | <b>2004/02/10<br/>14:19</b> |
| <b>31</b> | <b>IS&amp;R</b> | <b>L31</b> | <b>(398/194).CCLS.</b> | <b>2004/02/10<br/>14:23</b> |
| <b>32</b> | <b>IS&amp;R</b> | <b>L32</b> | <b>(398/200).CCLS.</b> | <b>2004/02/10<br/>14:27</b> |
| <b>33</b> | <b>IS&amp;R</b> | <b>L33</b> | <b>(398/208).CCLS.</b> | <b>2004/02/10<br/>14:29</b> |
| <b>34</b> | <b>IS&amp;R</b> | <b>L34</b> | <b>(359/308).CCLS.</b> | <b>2004/02/10<br/>14:32</b> |
| <b>35</b> | <b>IS&amp;R</b> | <b>L35</b> | <b>(359/498).CCLS.</b> | <b>2004/02/10<br/>14:35</b> |

|          | <b>Document ID</b>               |
|----------|----------------------------------|
| <b>1</b> | <b>US<br/>20020167703<br/>A1</b> |
| <b>2</b> | <b>US 6661976 B1</b>             |
| <b>3</b> | <b>US 5930231 A</b>              |
| <b>4</b> | <b>US 4581750 A</b>              |
| <b>5</b> | <b>US 4573169 A</b>              |

|   | Type | L # | Search Text   | Time Stamp          |
|---|------|-----|---|---------------------|
| 1 | BRS  | L1  | (external or machzehnder or (lithium adj niobate) or optical ) adj modulat\$4 | 2004/02/10<br>17:32 |
| 2 | BRS  | L2  | chirp or (chirp near free)  | 2004/02/10<br>17:33 |
| 3 | BRS  | L3  | chirp\$5 or (chirp\$5 near free)  | 2004/02/10<br>17:33 |

|   | Type | L # | Search Text           | Time Stamp          |
|---|------|-----|-----------------------|---------------------|
| 4 | BRS  | L5  | autocorrelation       | 2004/02/10<br>17:34 |
| 5 | BRS  | L4  | l1 near3 l3           | 2004/02/10<br>17:35 |
| 6 | BRS  | L6  | optical adj transm\$5 | 2004/02/10<br>17:36 |

|   | Type | L # | Search Text                            | Time Stamp          |
|---|------|-----|--|---------------------|
| 7 | BRS  | L7  | (optic\$2 or light) near communication | 2004/02/10<br>17:36 |
| 8 | BRS  | L8  | l4 and (l6 or l7)                      | 2004/02/10<br>17:37 |
| 9 | BRS  | L9  | (transm\$5 or receiv\$4) near filter   | 2004/02/10<br>17:37 |

|    | Type | L # | Search Text   | Time Stamp          |
|----|------|-----|---|---------------------|
| 10 | BRS  | L10 | I8 and I9   | 2004/02/10<br>17:42 |
| 11 | BRS  | L11 | I10 and I5  | 2004/02/10<br>17:44 |
| 12 | BRS  | L12 | (((((( (optic\$2 or light) near communication) or (optical adj transm\$5)) and (((transm\$5 or receiv\$4) near filter) or filter)) and (((external or machzehnder or (lithium adj niobate) or optical ) adj modulat\$4) or modulator)) and (detector or photodetector or photodiode or (optical adj (receiver or detect\$4)))) and (transfer adj function)) and nyquist) and ((data near (source or generat\$4)) or (binary near data)) | 2004/02/10<br>17:45 |

|    | Type | L # | Search Text | Time Stamp          |
|----|------|-----|-------------|---------------------|
| 13 | BRS  | L13 | I12 and I5  | 2004/02/10<br>17:45 |